

08-15-01

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UTILITY

Attorney Docket No:

W9495-01

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PATENT APPLICATION

First Named Inventor or Application Identifier

TRANSMITTAL

Richard Franklin Wormsbecher

Submit an original, and a duplicate for fee processing)
(Only for nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No: ET301555680US

Date Mailed: 8/14/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Director for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee :
 - a. ☐ Separate Fee Transmittal Form Submitted
 - b. ☒ See boxes 29-31
2. ☒ Specification Total Pages
3. ☒ Drawing(s) (35 USC 113) Total Sheets
4. ☒ Oath or Declaration
 - a. ☒ Newly executed:
 - i. ☒ Original for first filing of nonprovisional application
 - ii. ☐ Original for C-I-P application
 - iii. ☐ Original for Continuation or Divisional application naming an inventor not named in prior application
(37 CFR 1.63(d)(5))
 - b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 19 completed):
 - i. ☐ With no change of inventive entity in prior application needed
 - ii. ☐ With deletion of inventors requested at Box 27(a)(i)
(37 CFR 1.48(b)) (see also 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (*useable if Box 4b is checked*)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (*cover sheet & document(s)*)
9. ☐ 37 CFR 3.73(b) Statement (*to establish right of assignee to take action*)
10. ☒ Power of Attorney
11. ☐ English Translation Document (*if applicable*)
12. ☐ Information Disclosure Statement (*See 37 CFR 1.17(p) for fee*)
 - a. ☐ Copies of IDS Citations
 - b. ☐ (IDS) / PTO-144913. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)(*Should be specifically itemized*)
15. ☐ Small Entity Statements:
- a. ☐ A small entity statement is enclosed claiming small entity status
- b. ☐ A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired
16. ☐ Priority of ☐ U.S. provisional application Serial No. _____, filed on _____ ☐ foreign application No. _____ filed on _____ in _____ (country), is claimed under 35 U.S.C. 119.
17. ☐ Certified Copy of Priority Document(s)(*if foreign priority is claimed*)
18. ☐ Other Documents Enclosed: _____

REQUEST THAT APPLICATION NOT BE PUBLISHED PURSUANT TO 35 U.S.C. 122(B)(2)

19. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

FOR A CONTINUING APPLICATION OR A 35 U.S.C. § 111(a) APPLICATION CLAIMING PRIORITY UNDER 111(b) PROVISIONAL APPLICATION

20. Check appropriate box and supply the requisite information:
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)
21. ☐ Prior Application Information:
 US Serial No: _____, Filing Date: _____
 Prior Application Examiner: _____
 Prior Application Art Unit: _____
22. ☐ Cancel in this application original claims _____ of the prior application before calculating the filing fee.
 (At least one original independent claim must be retained for filing purposes).
23. ☐ Amend the specification by inserting before the first line the sentence:
 This is a ☐ continuation ☐ division of application Serial No. _____, filed _____.
24. ☐ Amend the specification by inserting before the first line the sentence:
☐ This application claims priority under 35 U.S.C. § 119 of the following provisional application Serial No(s). _____ and filing date(s) _____
☐ The entire disclosure of application Serial No. _____, filed _____ is incorporated herein by reference.
25. ☐ New formal drawings are enclosed.
26. ☐ A certified copy of the priority application has been filed in prior application
 Serial No. _____, filed _____.
27. ☐ The prior application is assigned of record to: _____.
28. ☐ The Power of Attorney in the prior application is to:
 a. ☐ The power appears in the original papers of the prior application.
 b. ☐ Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.

Inventorship Modifications For Continuation or Divisional Application

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29. ☐ Change the inventorship of this application by:a. ☐ Deleting the following inventors named in the prior application (37 CFR 1.53(b)(1)):

_____, because claim changes resulted in fewer than all of the previously named inventors of the prior application being the actual inventors of the invention being currently claimed in this CPA application (This request constitutes a Petition in accordance with 37 CFR 1.48(b))(See Box 4(b)(ii) and 37 CFR 1.17(i) for fee);

FEES30. ☒ The filing fee is calculated below:**CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT BELOW**

For	Number Filed	Number Extra	Rate	TOTALS
Total Claims	54	34	\$18.00	\$612.00
Independent Claims	5	2	\$80.00	\$160.00
1st Time Multiple Dependent Claims (Yes=1 or No=0) =		0	\$270.00	\$0.00
BASIC FILING FEE			\$710.00	\$710.00
TOTAL FILING FEE DUE:				\$1,482.00
Other Fees				
Fee Type				Fee Amount
Total Fees				

31. ☒ Please charge \$1,482.00 to Deposit Account No. 07-1770.
Two additional copies of this form are enclosed.

32. ☒ The Director is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required, or credit any overpayment to Deposit Account No. 07-1770.
Two additional copies of this form are enclosed.

CORRESPONDENCE ADDRESS33. ☒ Address all future communications to:

Charles A. Cross
W. R. Grace & Co.-Conn.
Patent Dept.
7500 Grace Drive
Columbia, MD 21044-4098

August 14, 2001
Date of Signature

Charles A. Cross
Attorney or Agent

Address of Signator:

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Patent Department
7500 Grace Drive
Columbia, MD 21044-4098

Charles A. Cross-Reg No. 32,406
Telephone: 410-531-(410) 531-4518

☒ Attorney or agent of record
☐ Filed under 37 CFR 1.34(a)

Product Code:
cc: R. A. Maggio

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2
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Date of Deposit: 8/14/2001

I hereby certify that the enclosed documents, Utility Patent Application Transmittal (in triplicate); Specification (46 pages); Drawings (22 sheets); and Declaration and Power of Attorney are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Director of Patents and Trademarks, Box Patent Application, Washington, D.C. 20231.

Vickie D. Wall

(Typed or printed name)

Vickie A. Wall
(Signature of person mailing paper or fee)

Attorney Docket No. W9495-01